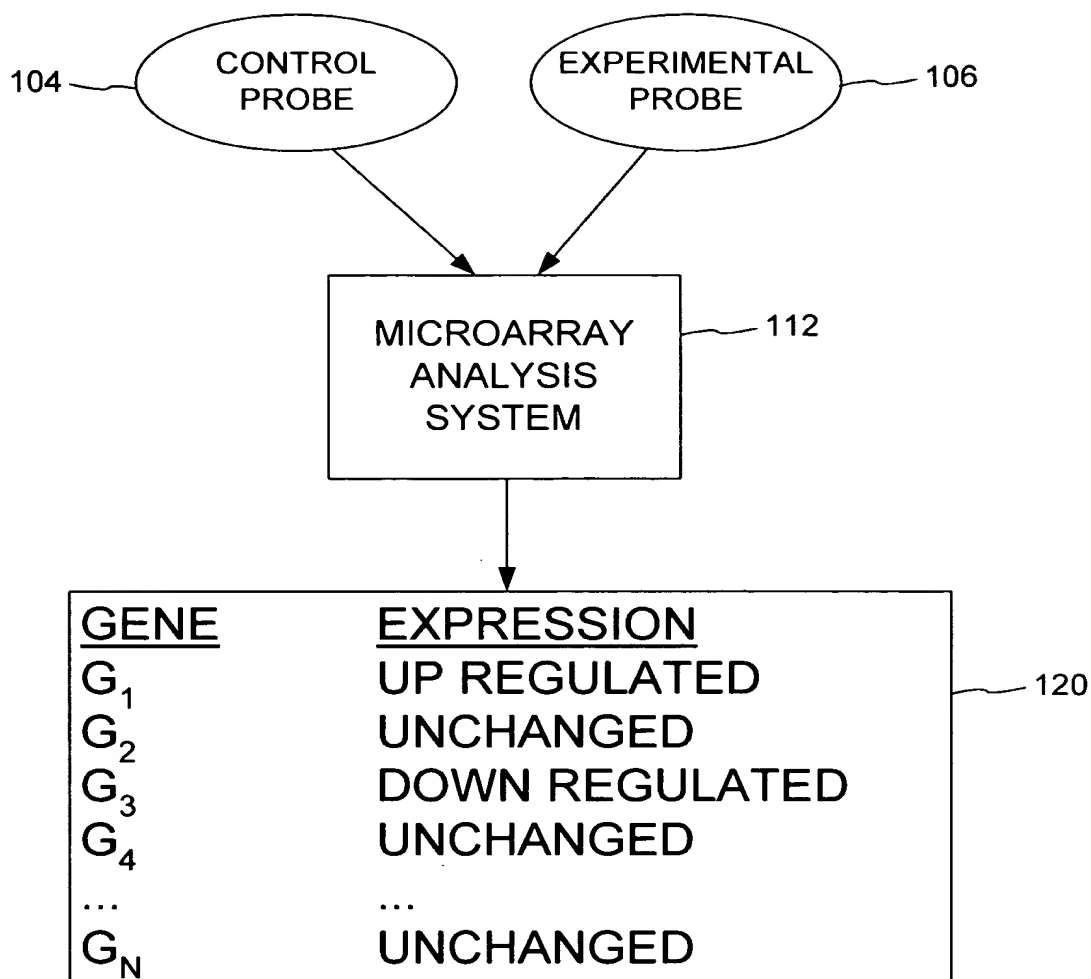


APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

FIG. 1



EXPERIMENT: SUBJECT CELLS TO CONDITION C AND
OBSERVE CHANGE IN GENE EXPRESSION

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APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
CRAFTSMAN		

FIG. 2

<u>EXPERIMENT</u>	<u>CELL LINE</u>	<u>CONDITION</u>	<u>G₁</u>	<u>G₂</u>	<u>G₃</u>	<u>G₄</u>	<u>G_N</u>
1	A	C ₁	UP	DN	DN	UP	UP
2	A	C ₂	UP	UN	UN	UN	UN
3	A	C ₃	DN	UN	UN	UN	UN
4	B	C ₁	UP	UN	UN	DN	UN
5	B	C ₂	UP	UN	UN	UN	UN
6	C	C ₁	DN	UN	DN	UN	UN
...
K	X	C _H	UP	DN	UN	UN	UN

FIG. 3

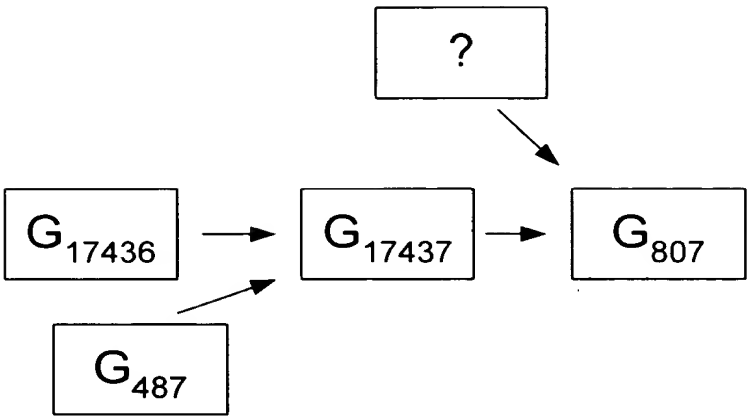
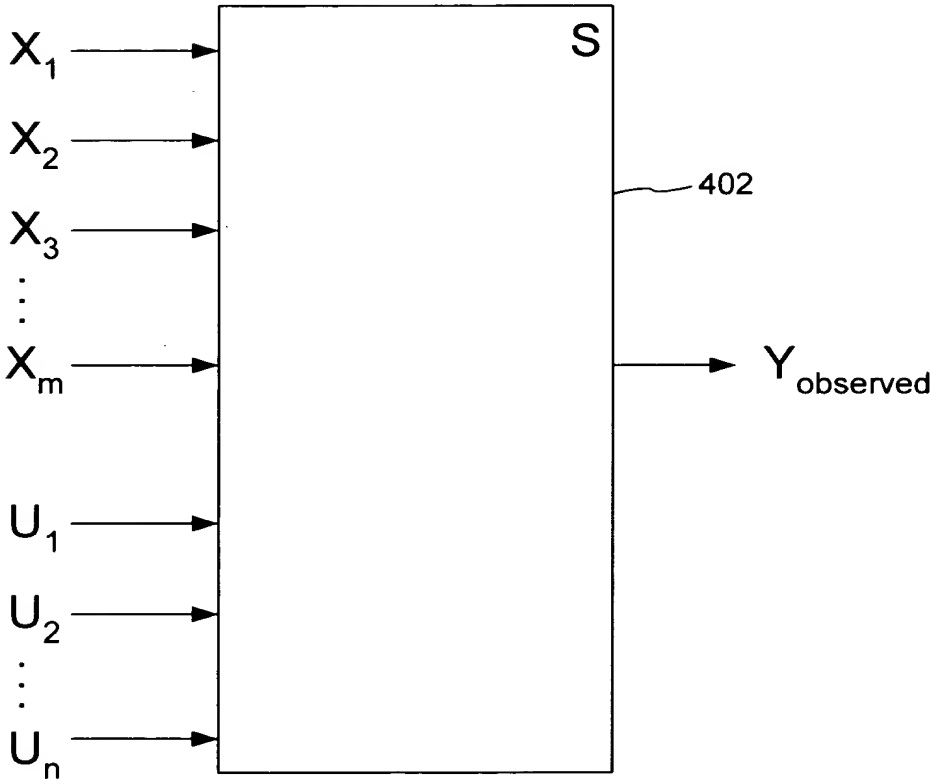


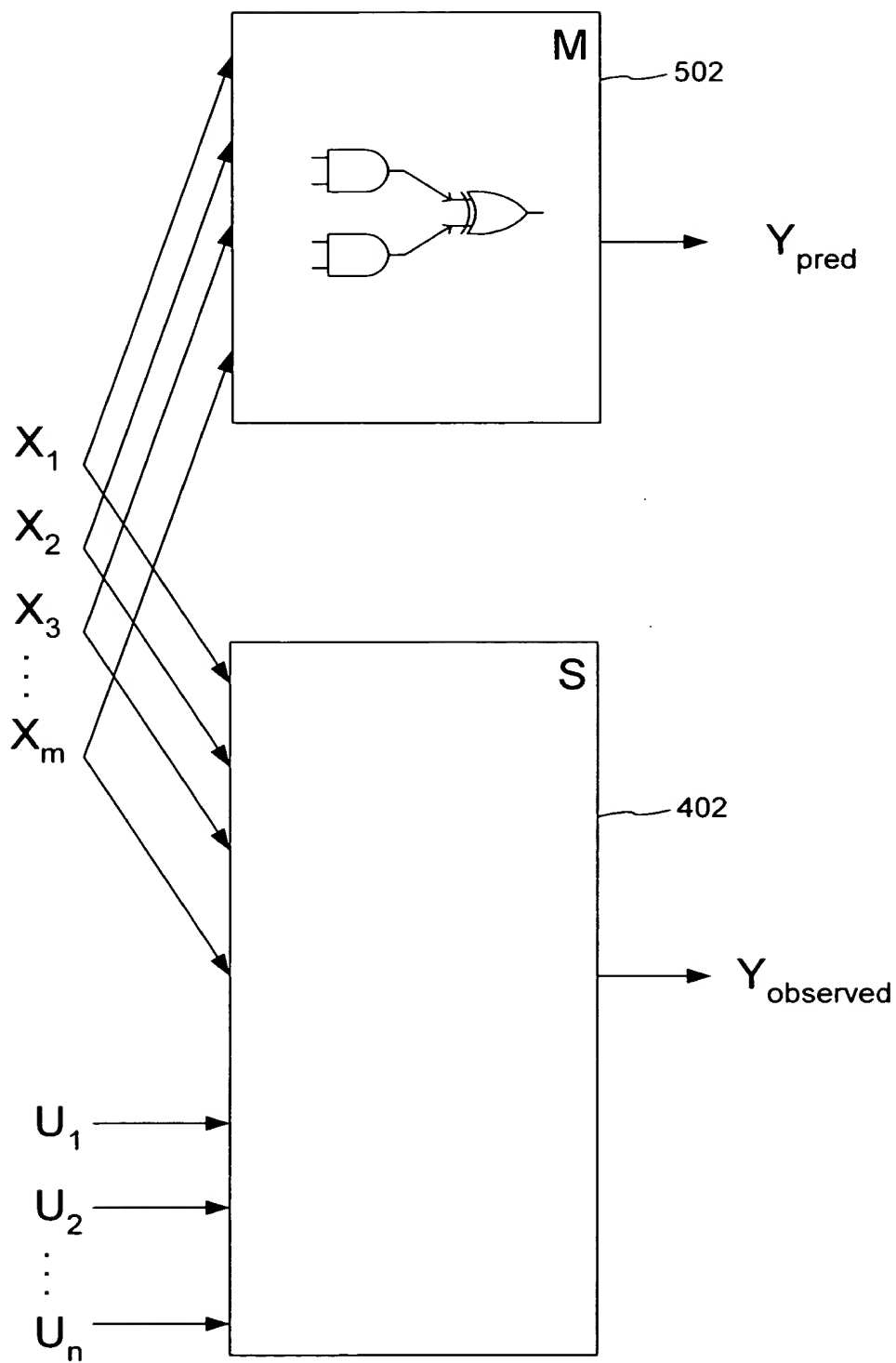
FIG. 4



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APPROVED	O.G. FIG.	
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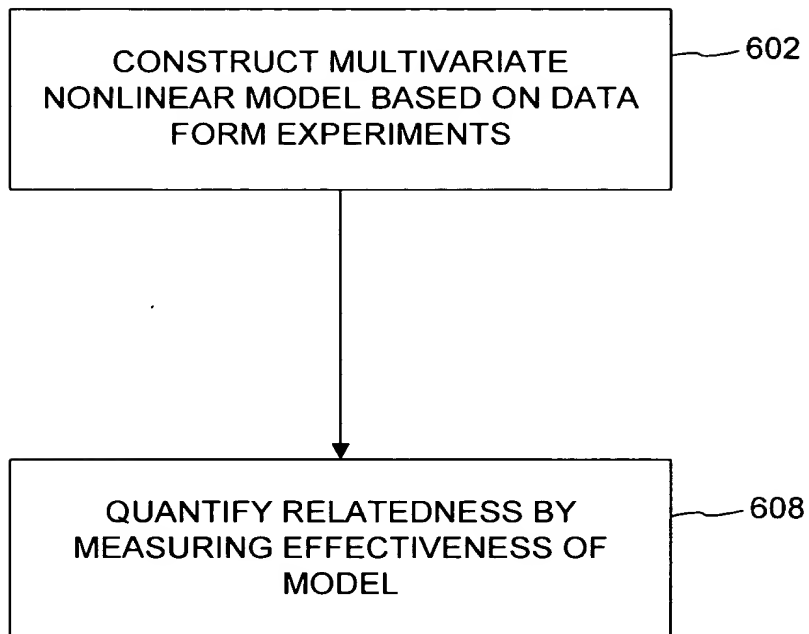
FIG. 5



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APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
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FIG. 6



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FIG. 7A

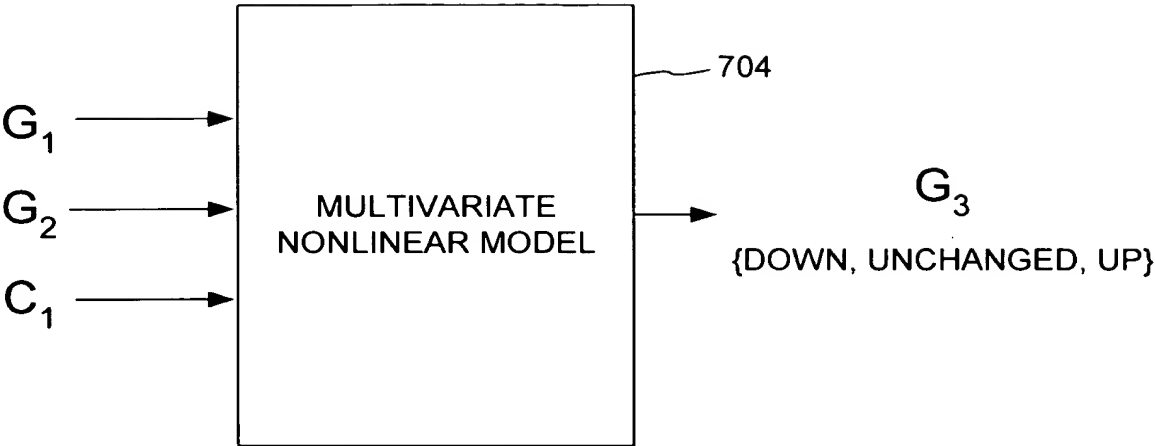
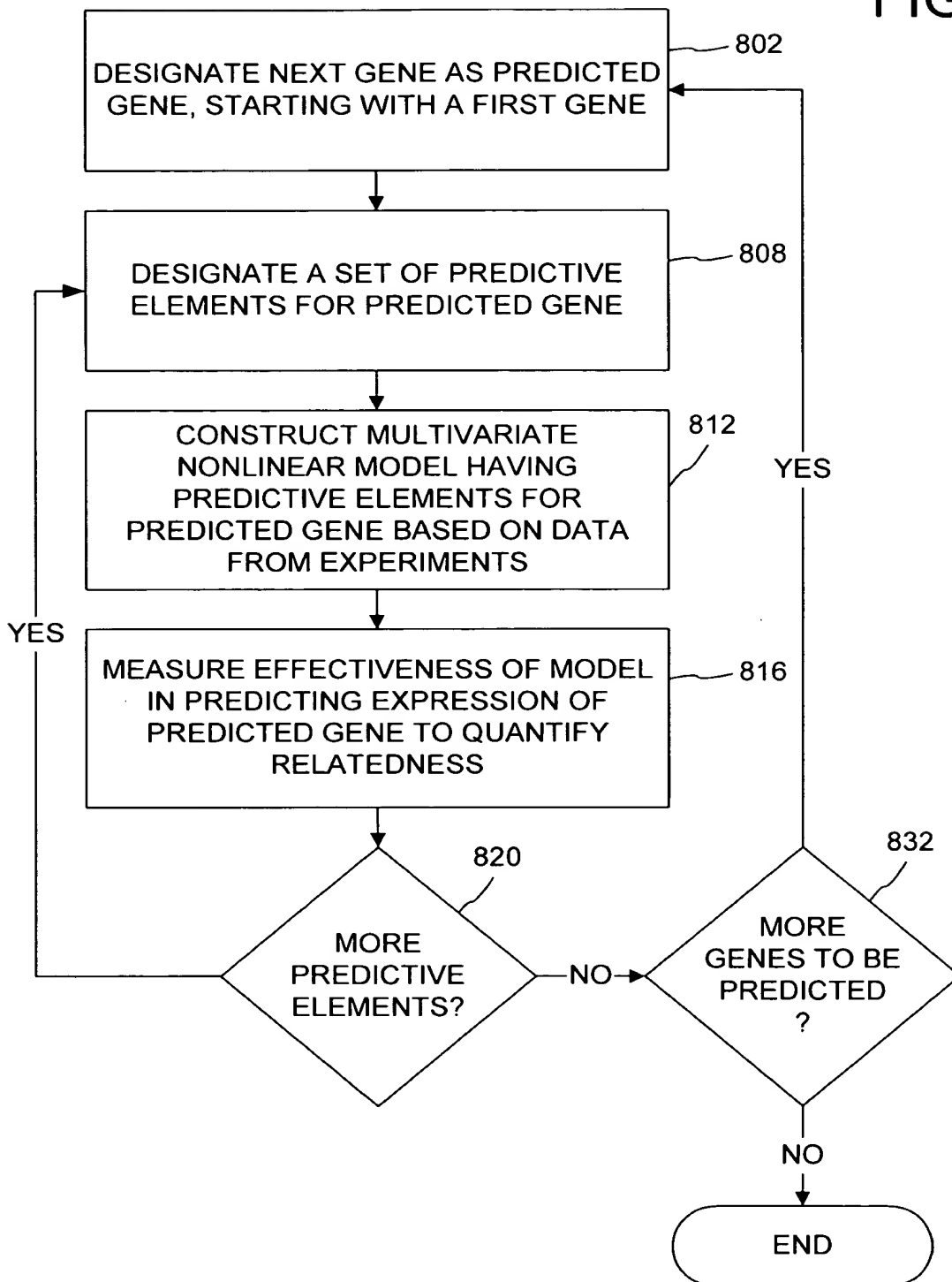


FIG. 7B

	G_1	G_2	C_1	G_3 (PREDICTED)	G_3 (OBSERVED)
E_1	UP	UN	YES	UP	UP
E_2	UP	UP	YES	UP	UP
E_3	UN	DN	YES	UP	UP
E_4	UN	UN	NO	DN	DN
E_5	UP	DN	NO	DN	UP
E_K	UP	UP	YES	UP	DN
EFFECTIVENESS = 0.74					

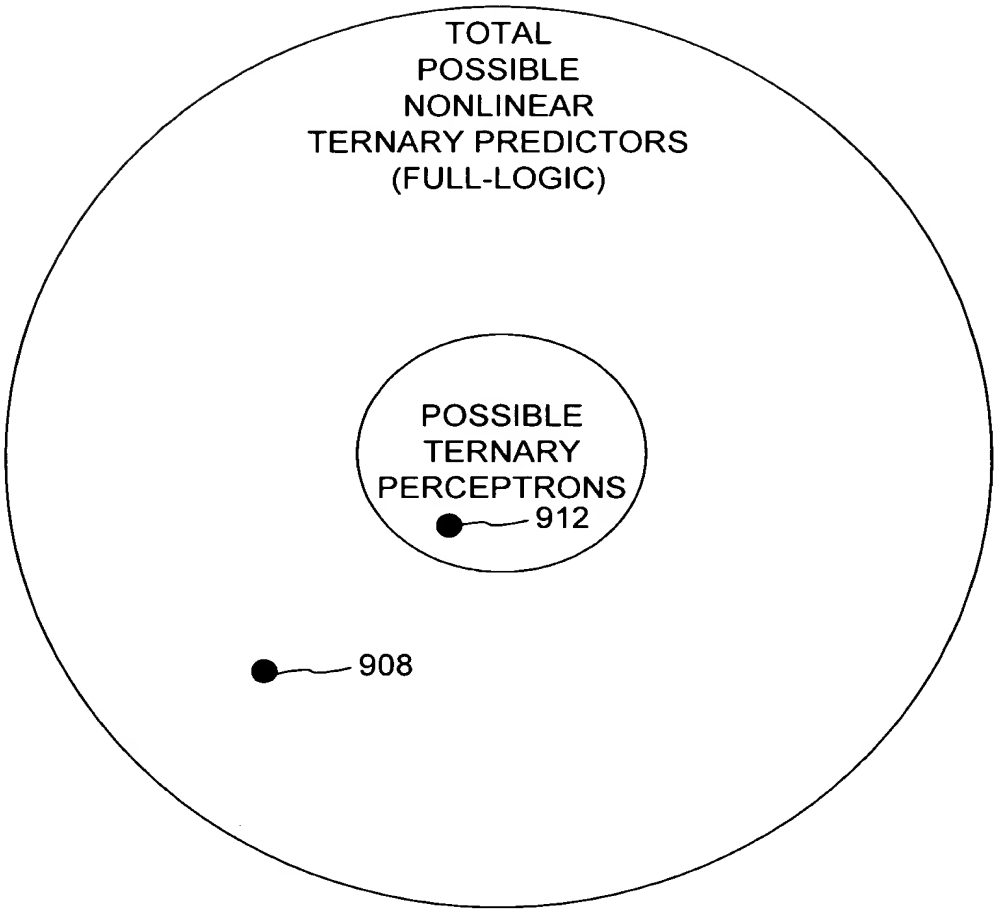
FIG. 8



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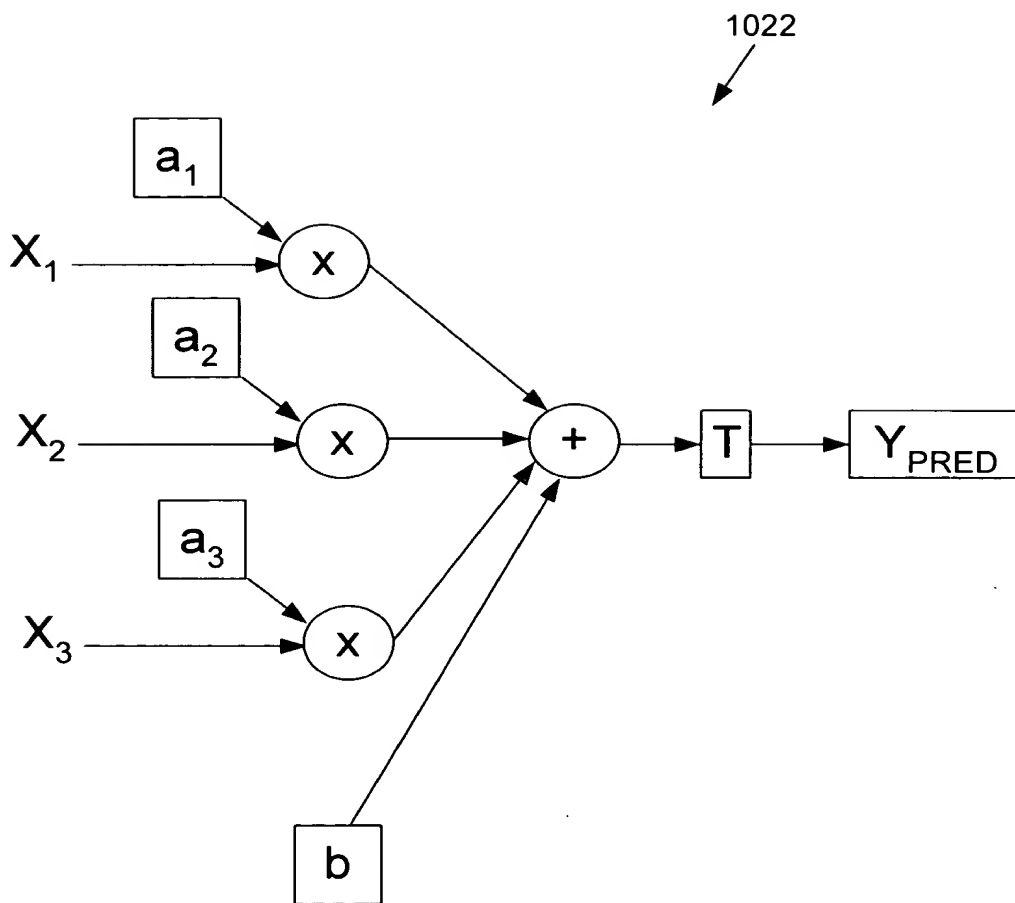
APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

FIG. 9



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FIG. 10



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FIG. 11

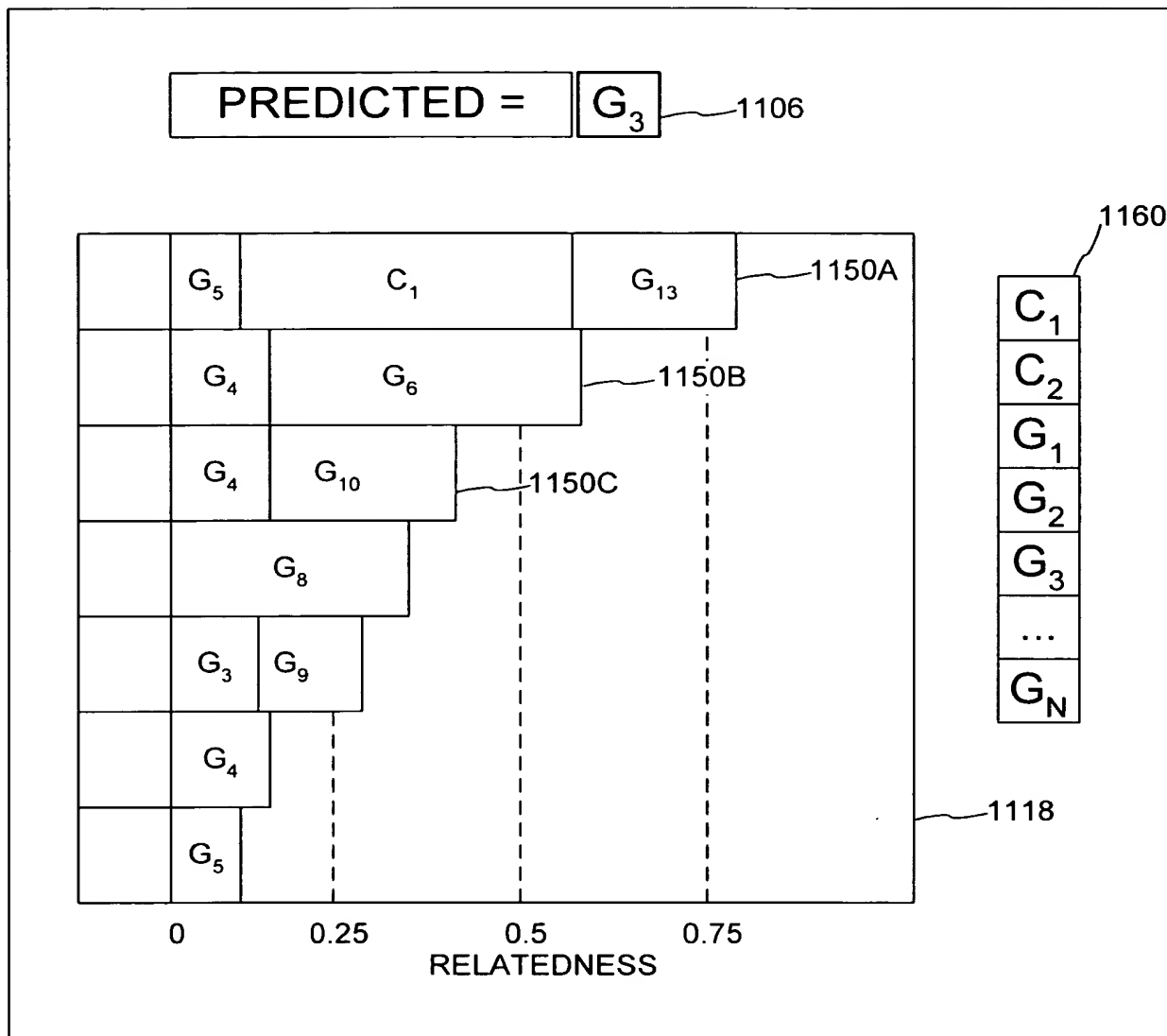
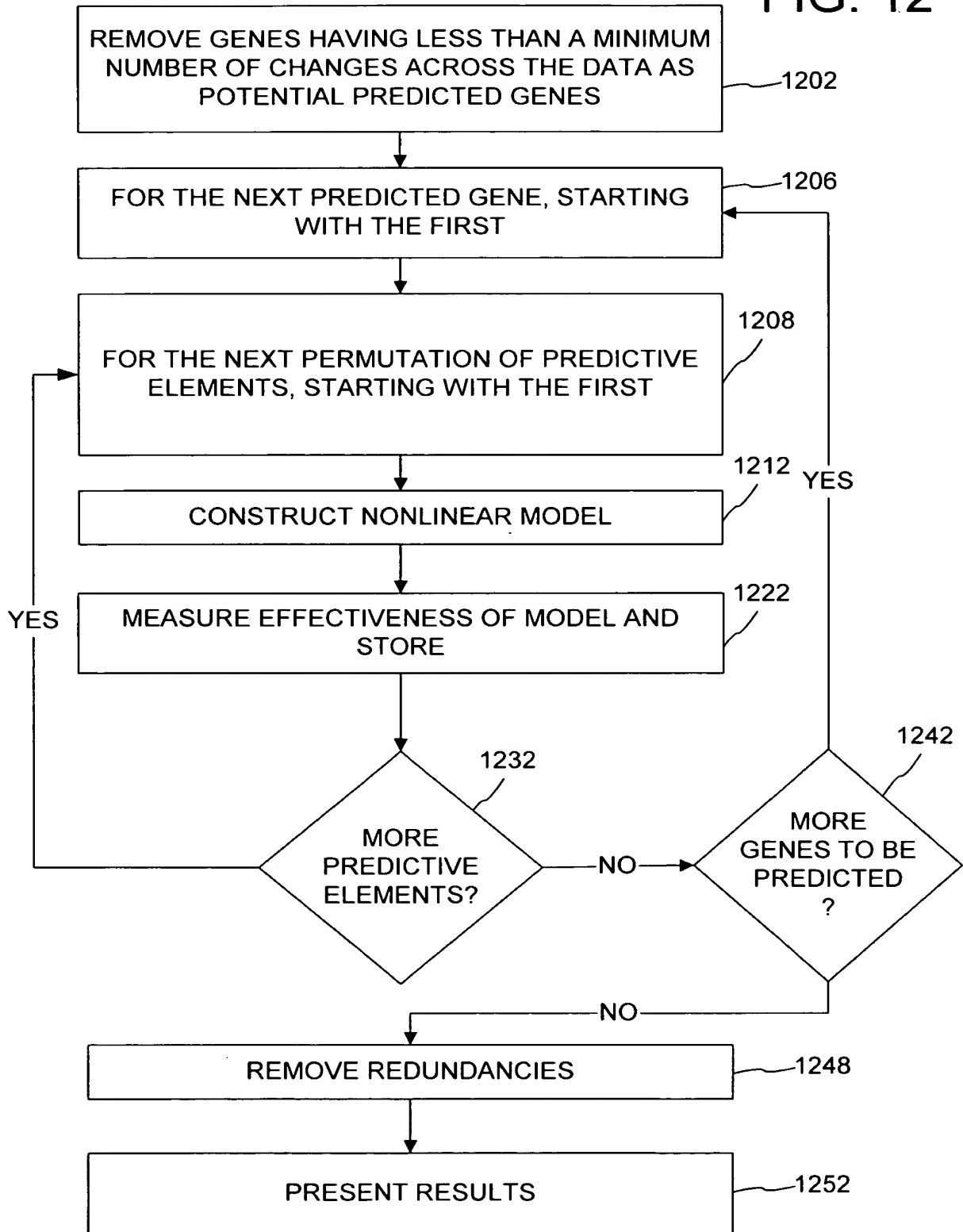


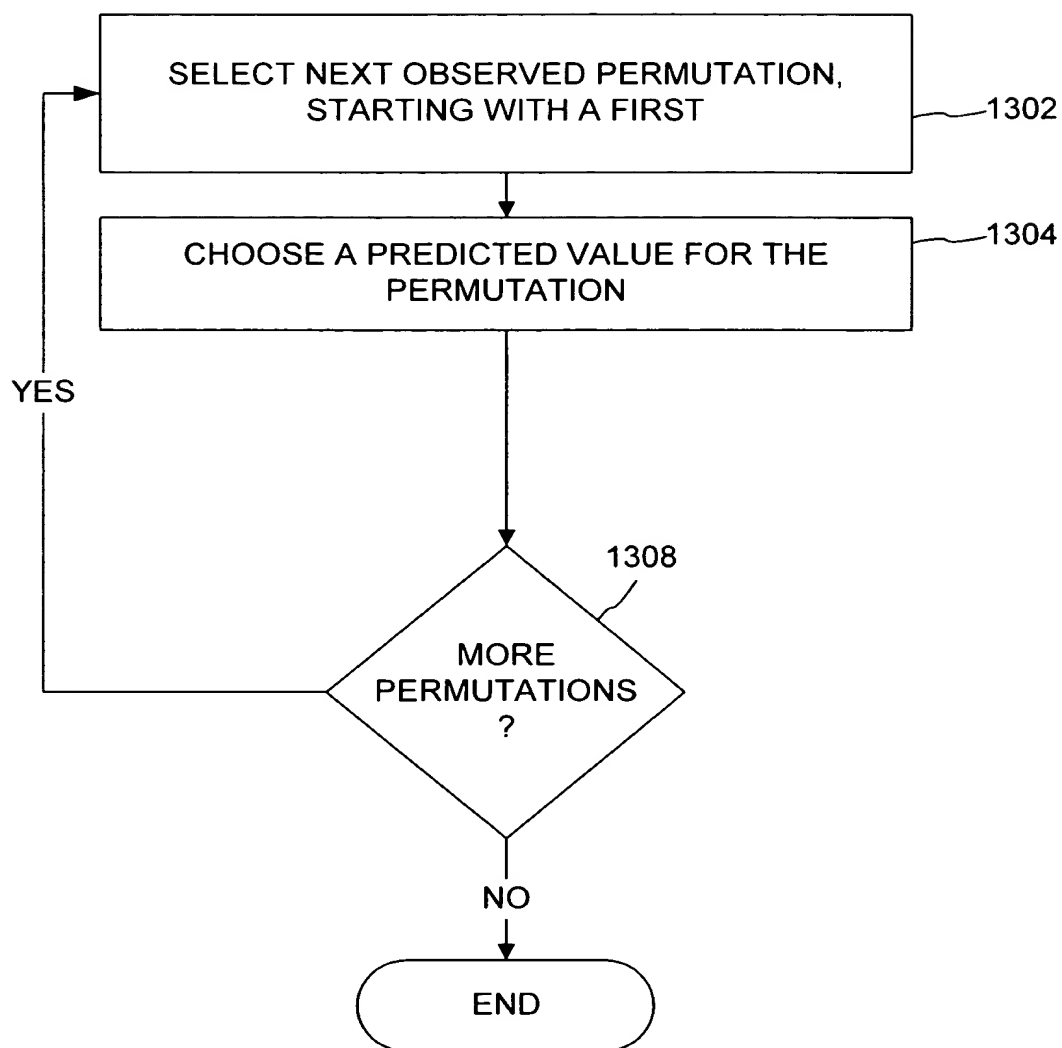
FIG. 12



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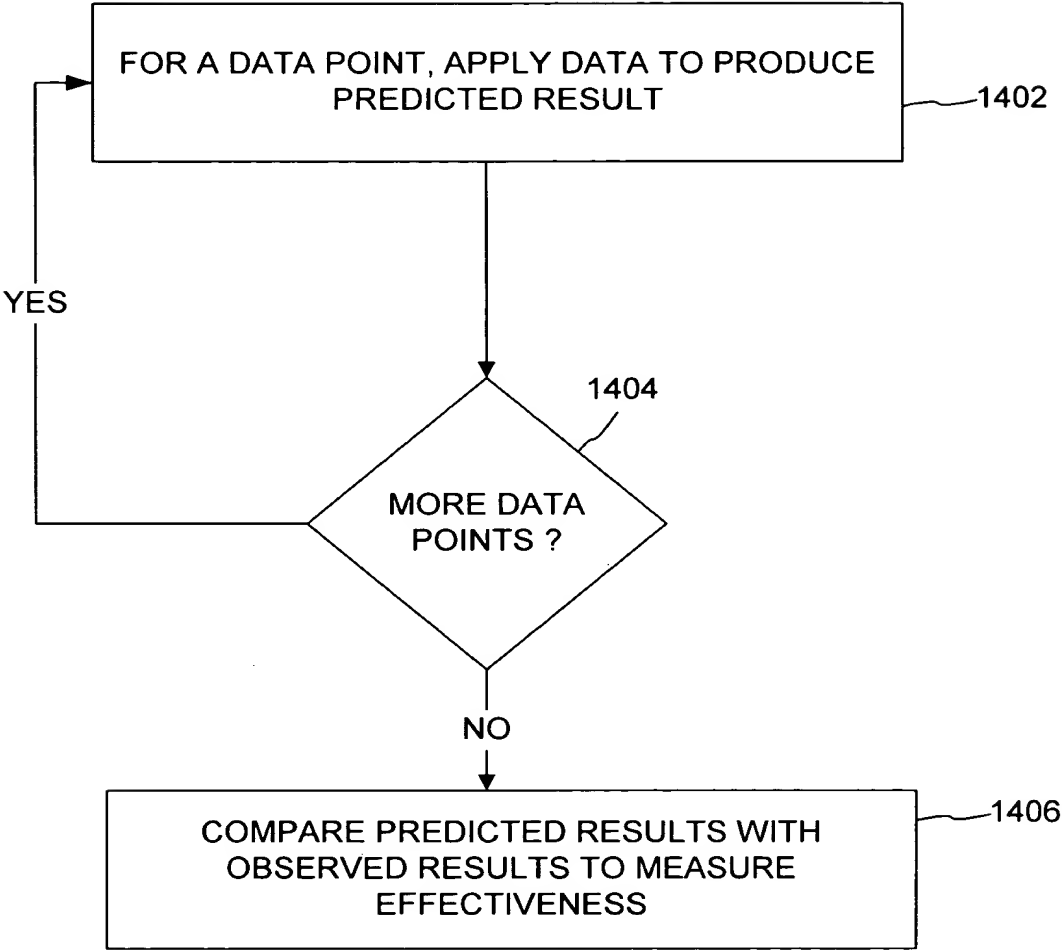
APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

FIG. 13



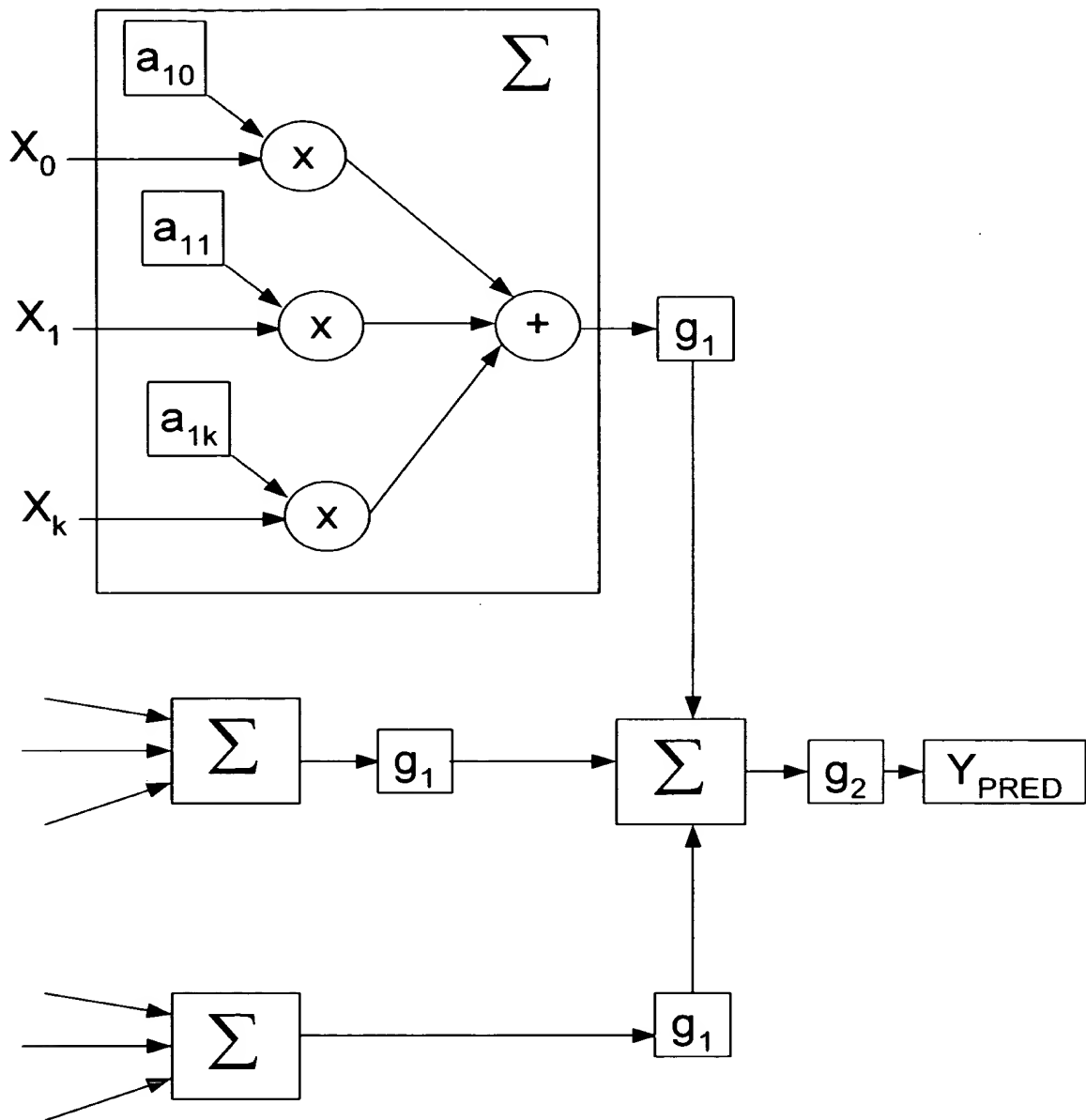
005T90" 08556560

FIG. 14



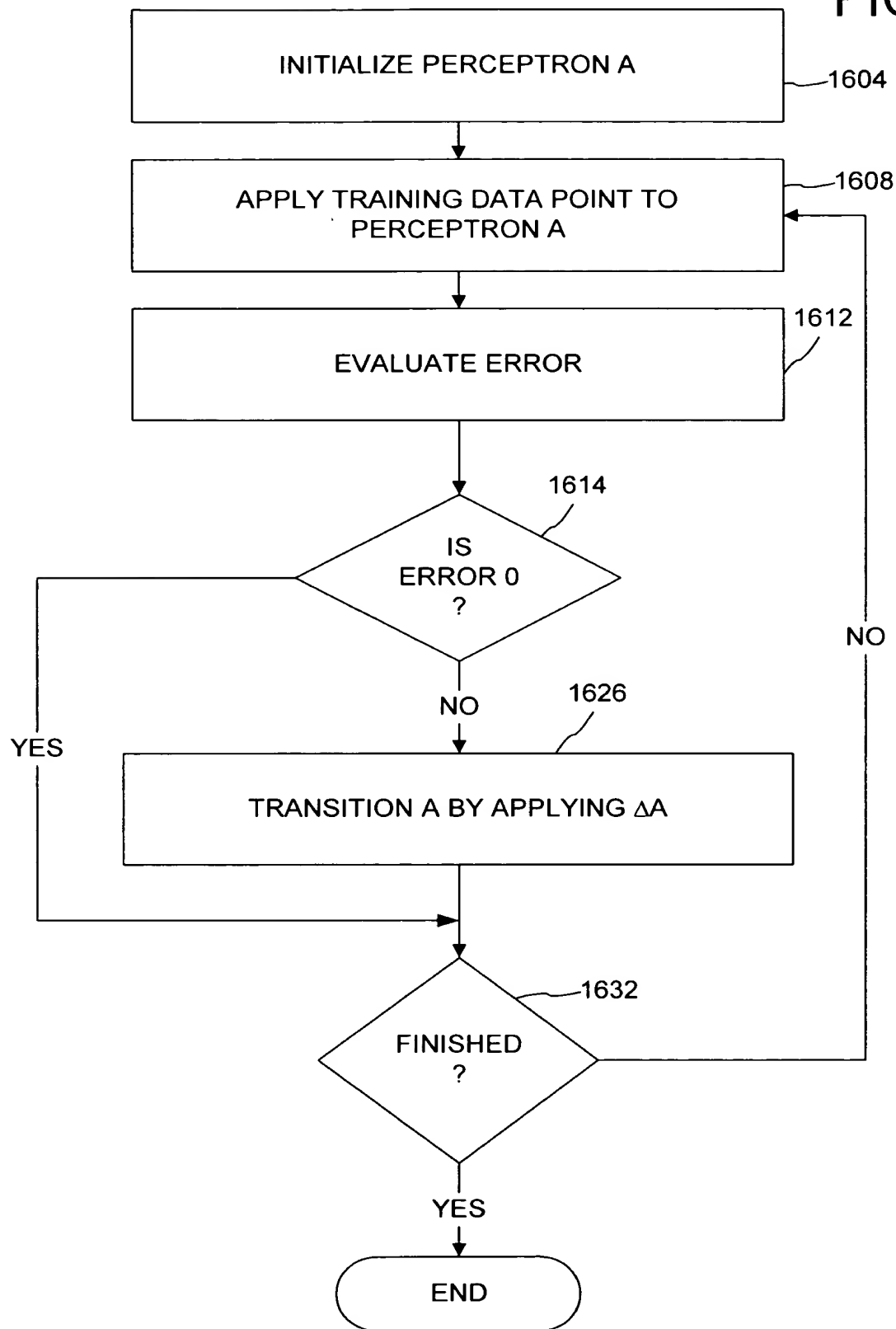
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FIG. 15



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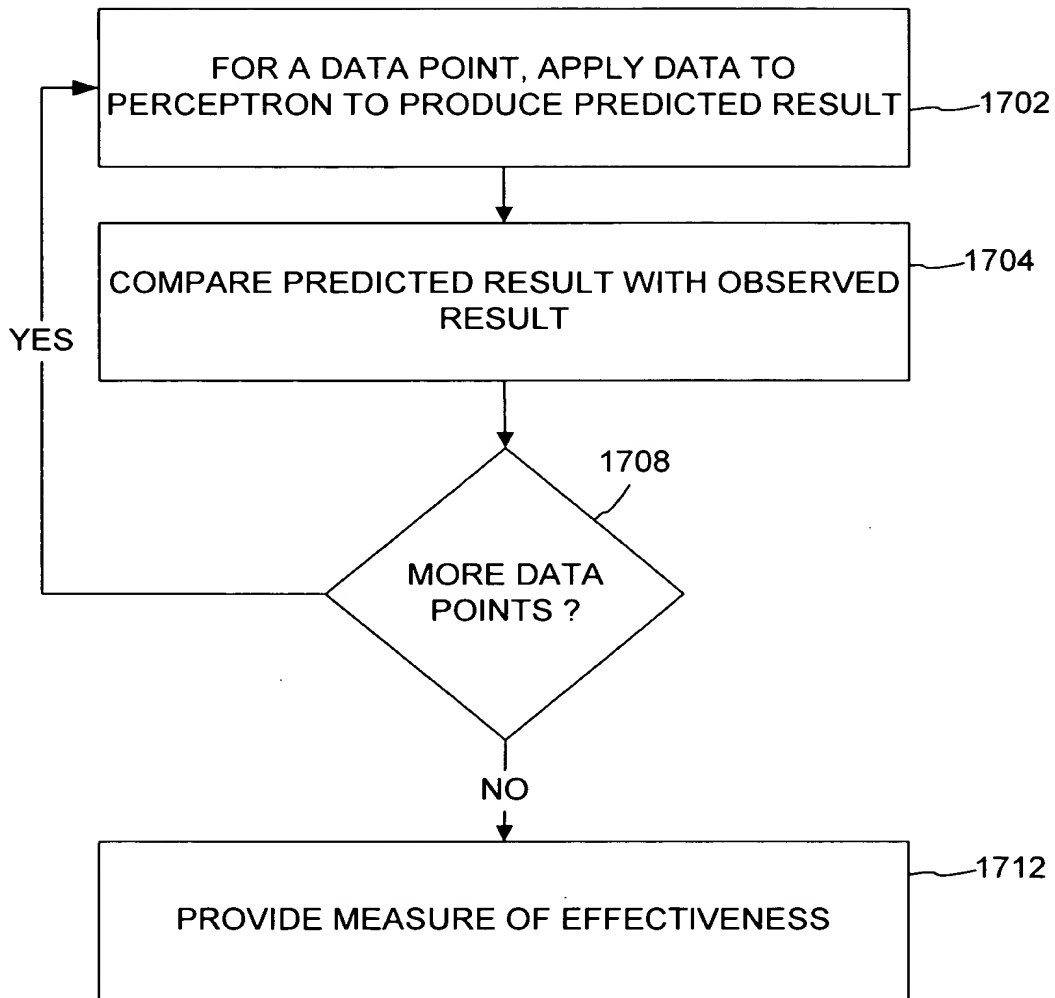
FIG. 16



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APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

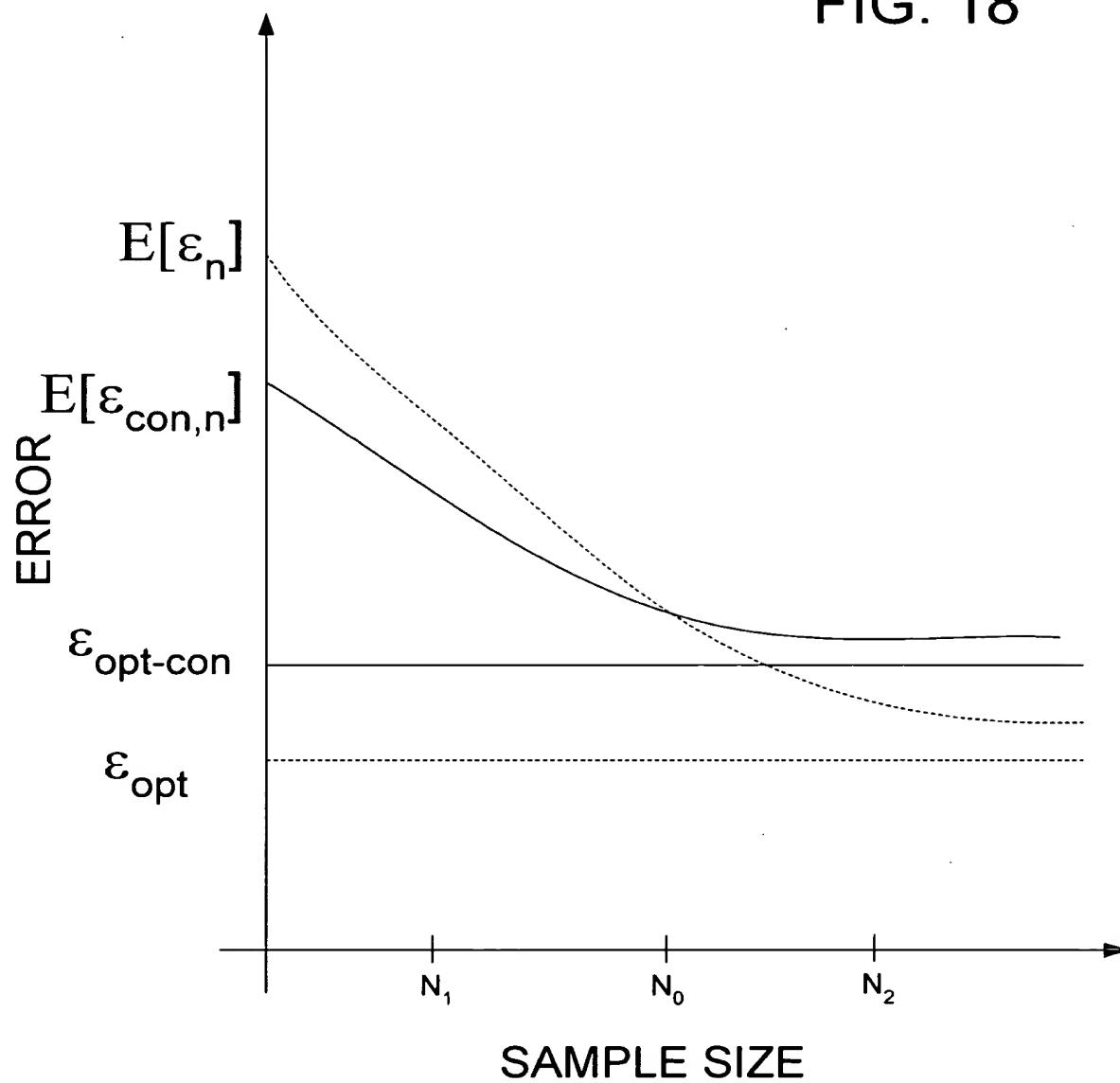
FIG. 17



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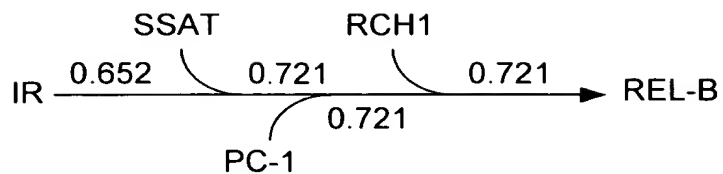
APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
GRAFTSMAN		

FIG. 18

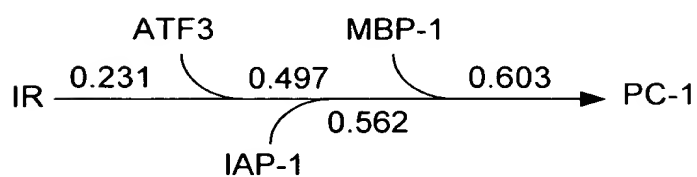


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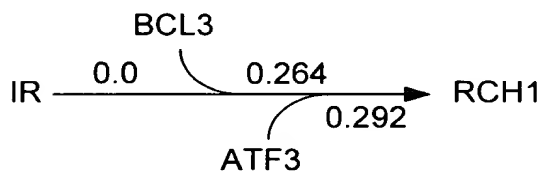
FIG. 21



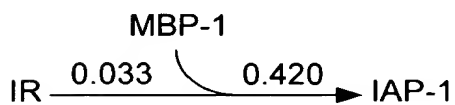
(A)



(B)



(C)



(D)

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APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

FIG. 19

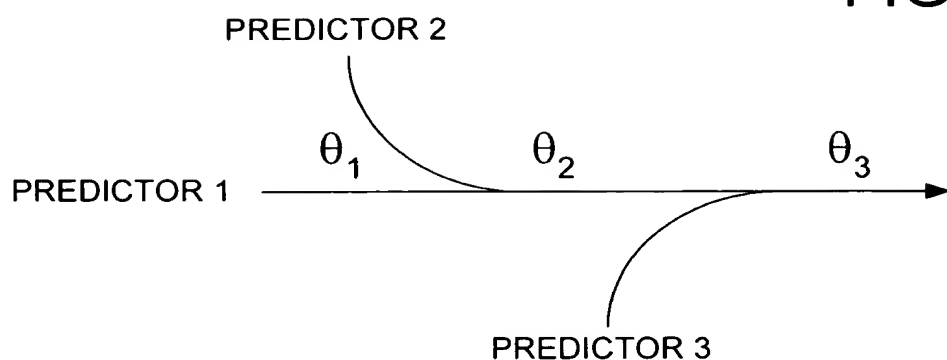
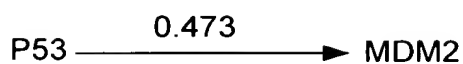
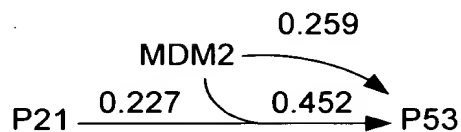


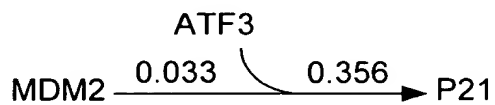
FIG. 20



(A)



(B)

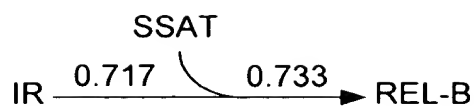


(C)

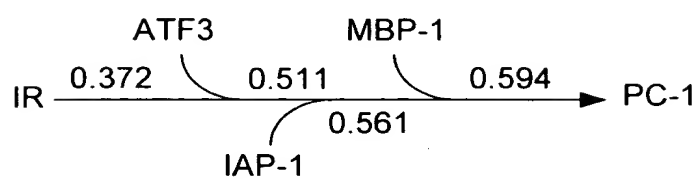
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APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

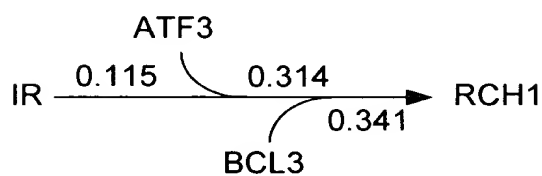
FIG. 22



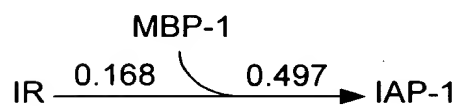
(A)



(B)



(C)

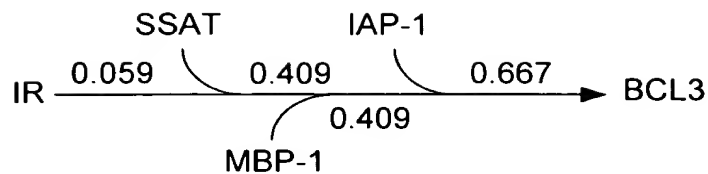


(D)

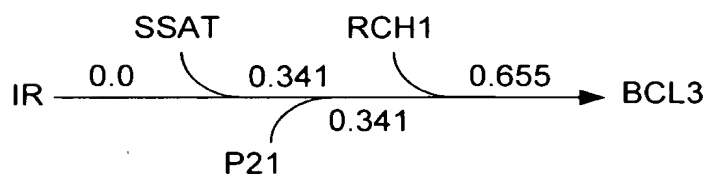
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APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

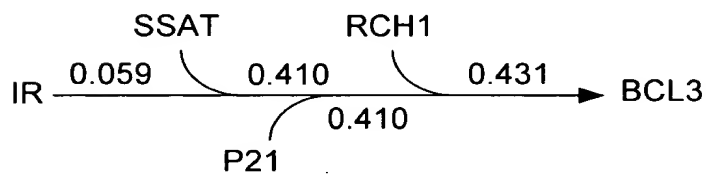
FIG. 23



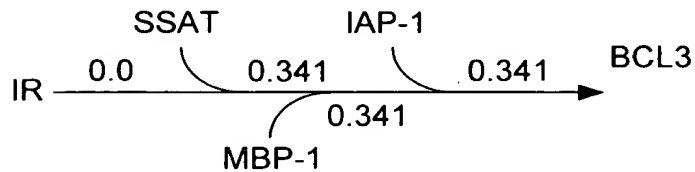
(A)



(B)



(C)

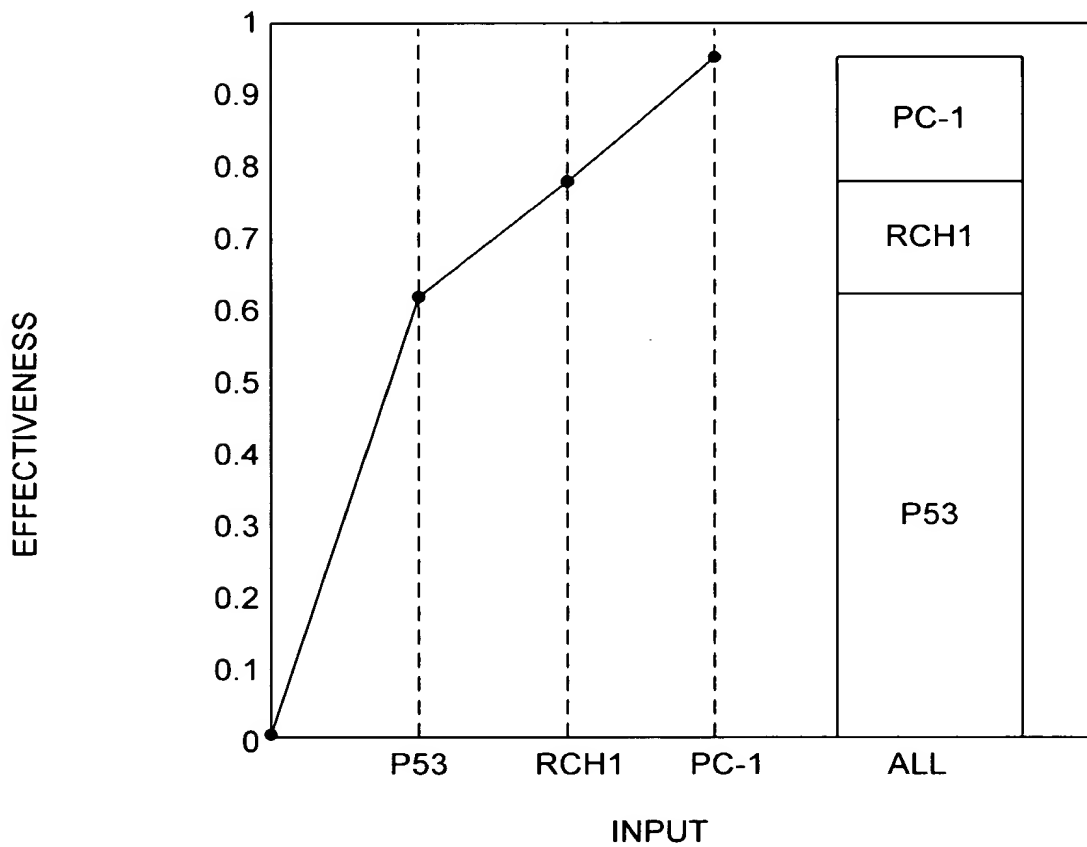


(D)

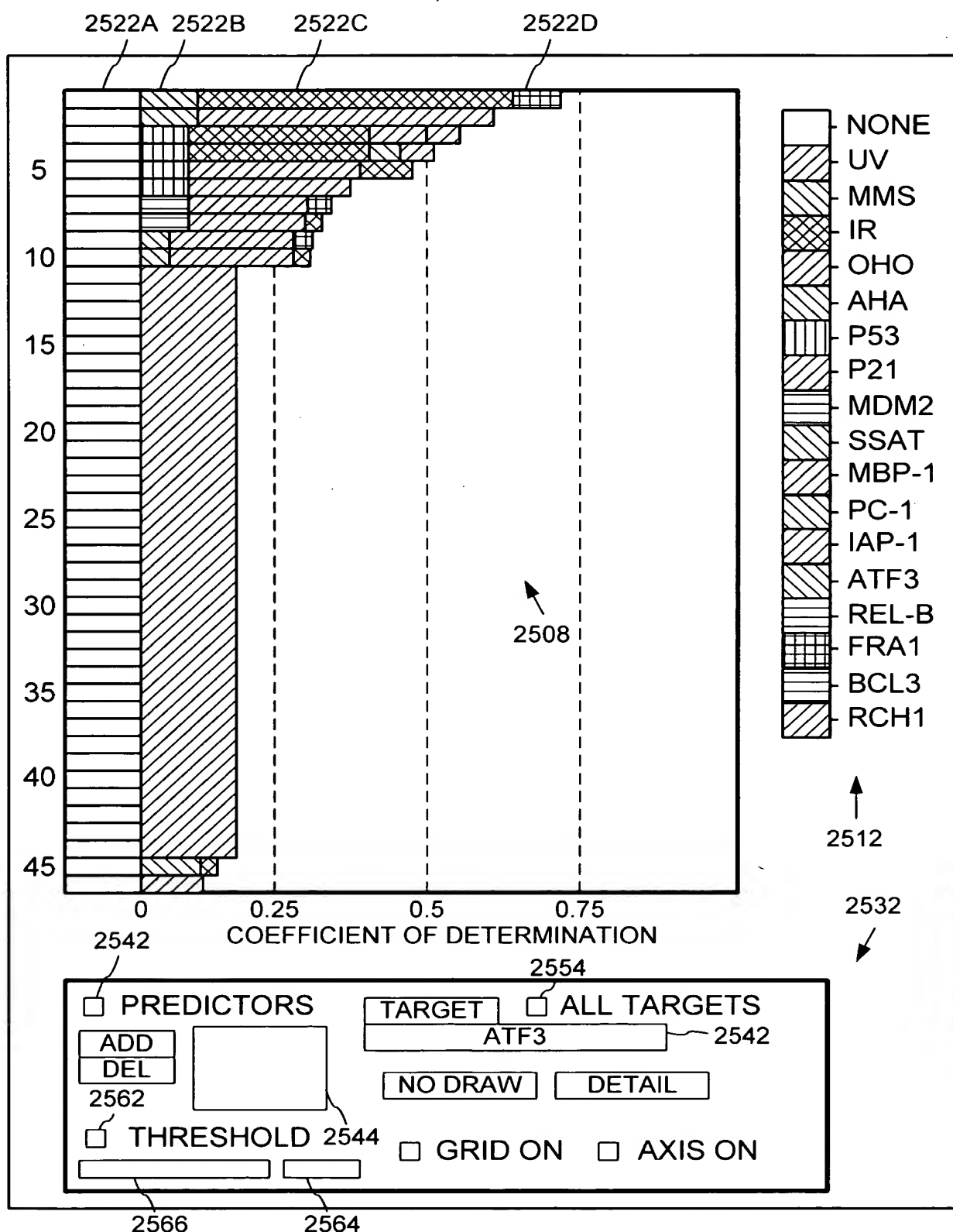
005F90" 08551560

FIG. 24

PERCEPTRON: TARGET = AHA

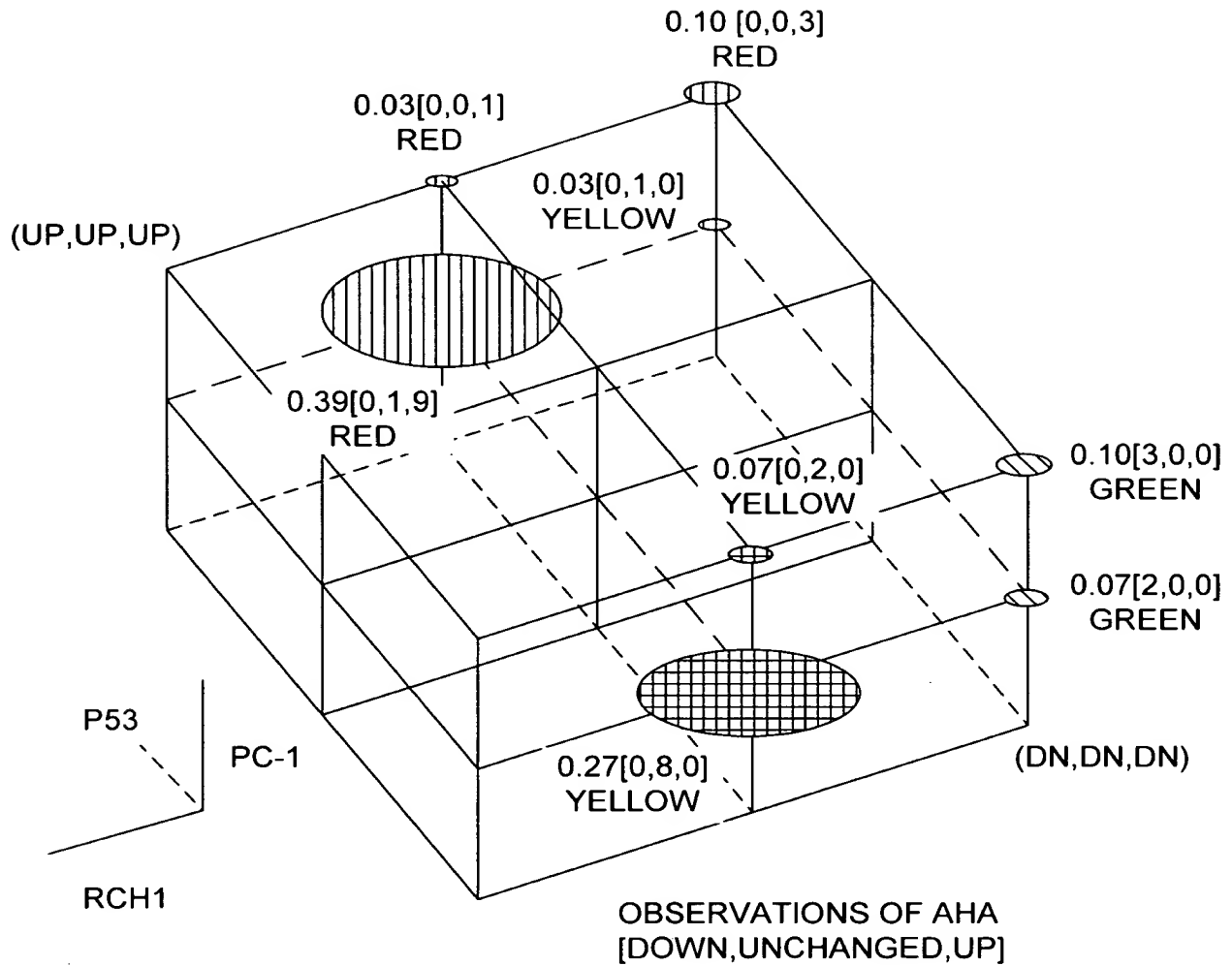


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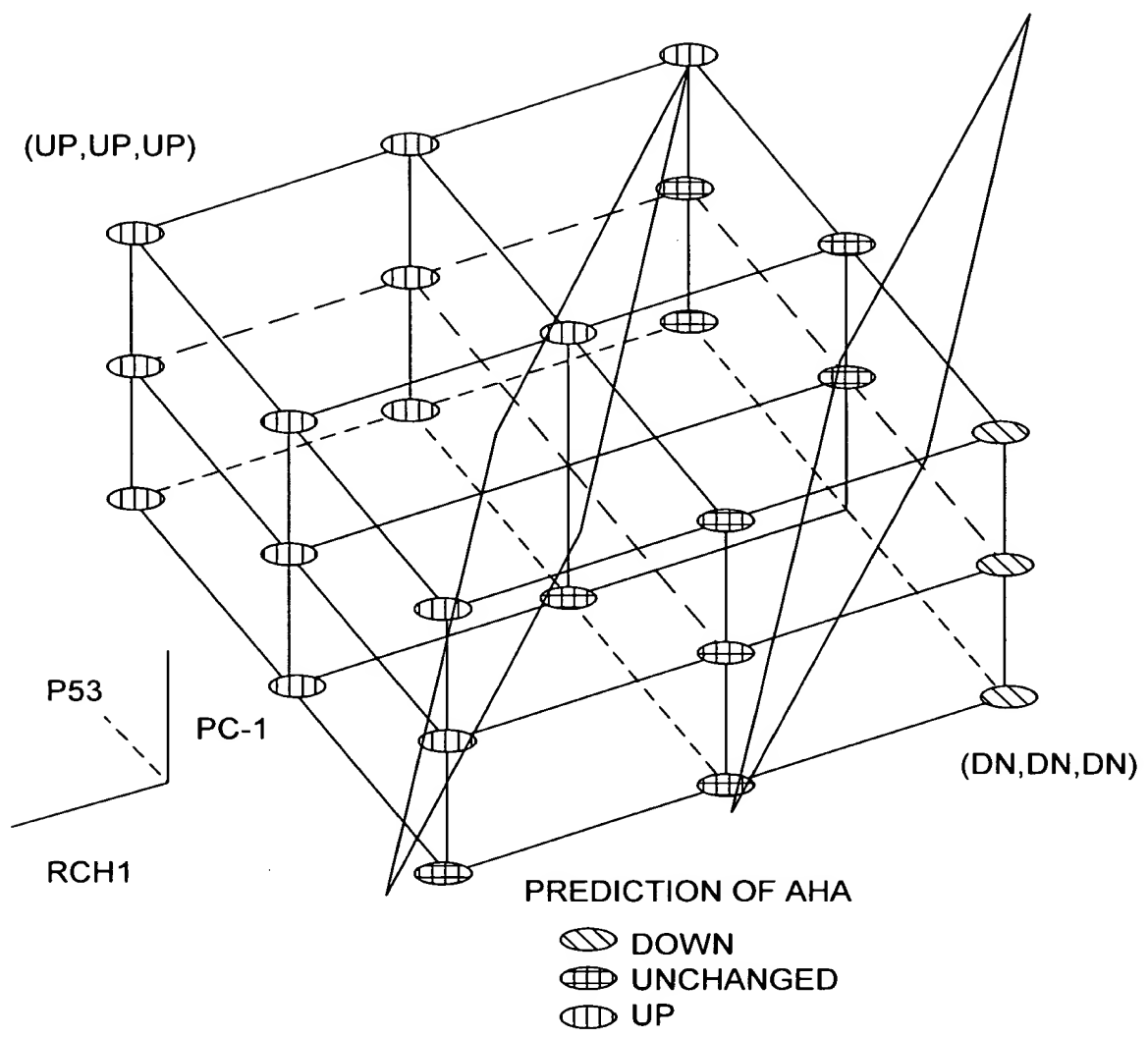
APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

FIG. 26



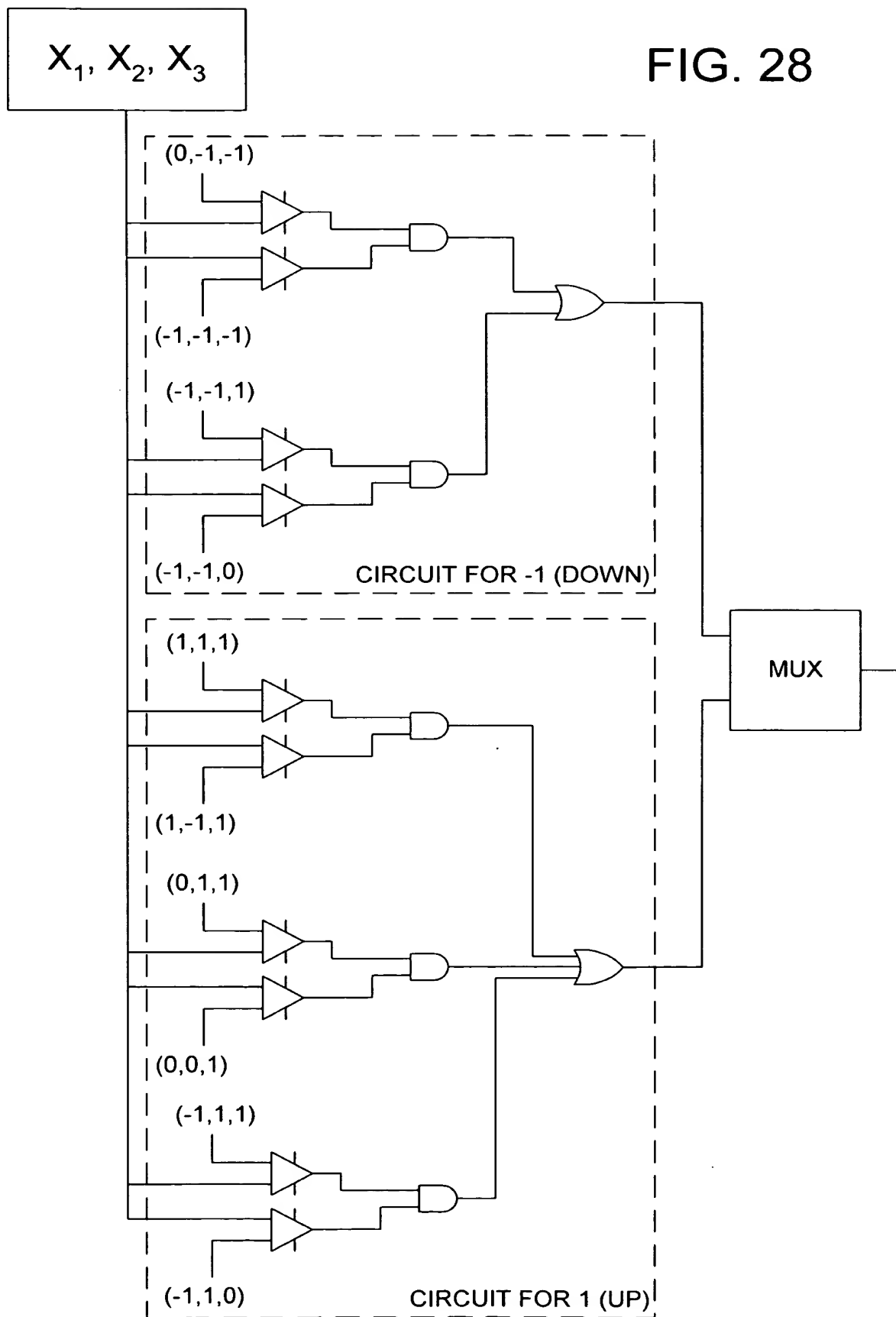
005550"055550

FIG. 27



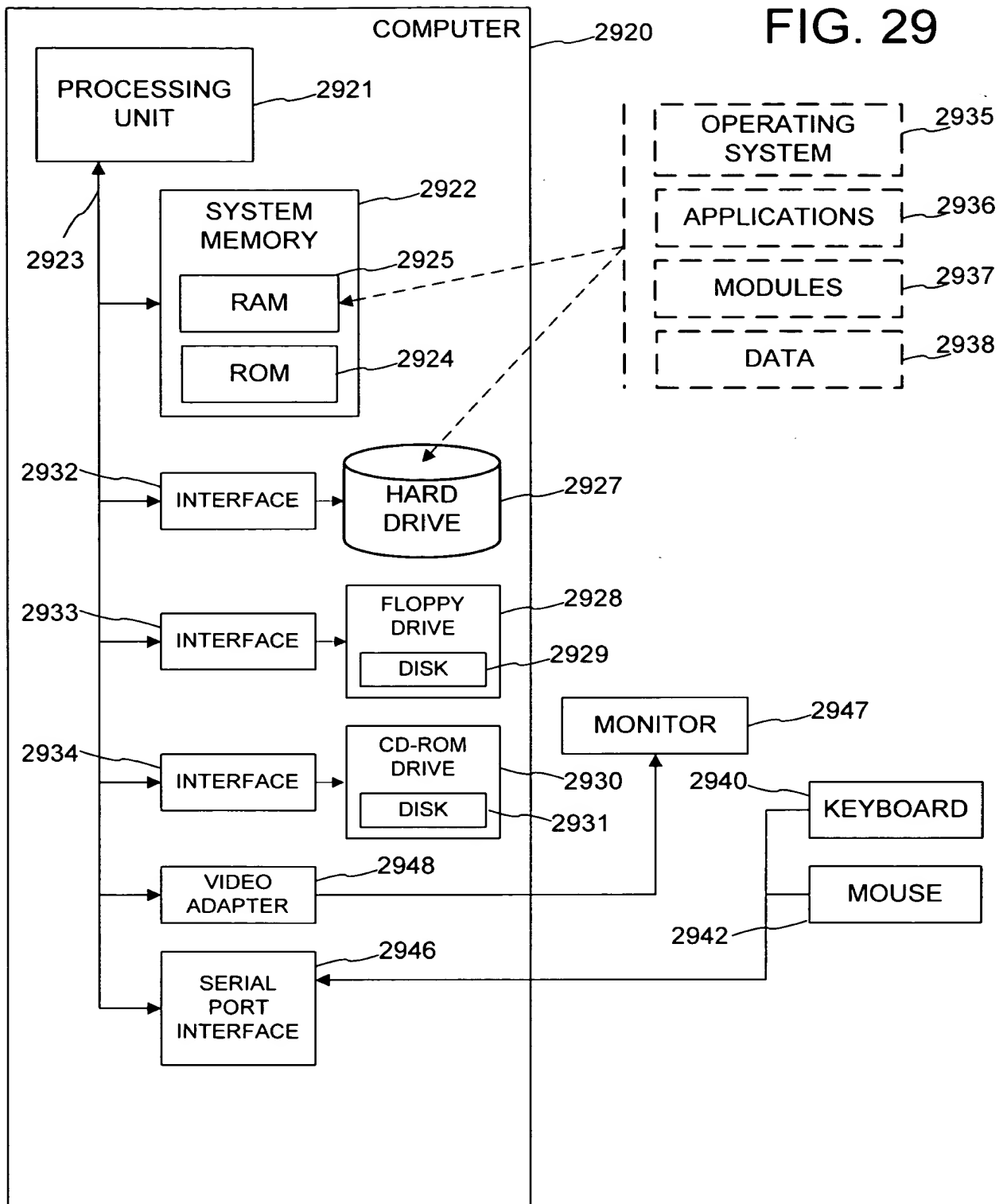
005580" 085660

FIG. 28



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FIG. 29



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